1/7

71.3% identity in 376 nt overlap; init: 76, opt: 608

	•							
	10	2	0	30	40	•	50	60
_ mGDF	TTGGAAGI	LACTAAGAA	GGAACGC	ATCTCCT	CTCCCM	STOTEC	TTTCTAAAG	SCICÉGGG
-							11 11111	1 : ::
bodf	CTTGGGAGI	ACTACTCA	GGAACAT	ATTECTO	CATYCOCAC	TCCTC	TTCCTAAAG	GCCAGGA
	10		0	30	40		50	60
		-	•	30			-	,00
	. 70		80	90		100	110	
mGDP .	A							vas anniom
_ HAJUF .	AGGCCCTGC	,001001C=	CIIMAAI	WWW.ICT	300101-	- WOOMS	GAL TUNCTT	CACTICT
hane.	11 111	11111	~~~			~~~~	C1 CT1 CCC	111111
_ IRGUE	AGAGCCTAC				100	GGGIG		
	70	8	U	90	100		110	120
						CATA		x-box
1	20	130	140	150)	160	170	
_ mGDF	GTAATCAG	accicaage	CATGCCT	AGCTOTAC	ATTGTT	CTTAI	CAGCTCTAC	agcagtca
	*******	******		: :::	:::	Xttt	**::::::	1 1: 11
_ hgdf	GTARTCAG	GCCTCRAG	PATGCCT	AGCTGAAG	XTT	-TIAT	CAGCTCTAT	ATCAAGCA
	130	14	0	150		160	170	
						•	Qc	<u>t-1</u>
1.	80	190	200	21	.0	220	230	
mGDF ·	CCTCACAAC	TRACE TO A TOTAL	W1 WVV1 1	VYVICTURE	TO A TOPIC C	ATTACE C	تعلم كم المحلمان في المحلم الم	CTTATTT
			TUTFFUL	7777777~~	v car versa	Part Mint Min		234 A A A
	tttt ::		ii iii	::::::	: :::::	22222	11111 ;	111111
_			:: ::::	:::::		2:111	11111 1	******
_ hgdf	**** :::		:: ::::	:::::		2:111	ATTTACTA	******
_ hgdf	CCTGATAR	ACCTTATI	TAGCCA	:::::	enattag	atacac Maracac	ATTTACTA	TITELI GITATIT
_ hgdf	CCTGATAR	ACCTTATI	TAGCCA	:::::	earteac 210	atacac Maracac	ATTTACTA	TITETT SGPPATTT 30
_ hgdp	CTGATAR 180	ACCTTATI 190 250	TAGCCAR 200 260	TTTGT	EAATTAG 210	280	290	TITETT SGPPATTT 30
_ hgdp	#### ## ##############################	ACCTTATI 190 250	TAGCCAR 200 260	TTTGT	EAATTAG 210 0 ATTTCAA	280	290	TITETT SGPPATTT 30
_ hgdp	#### ## ##############################	ACCITATI 190 250	TAGCCAR 200 260 TCTCCTG	ZTTGT	EARTTAG 210 70	280 CCCAC	ATTACTA D 2 290 CAAGTATCG	TCACCCT
_ hgdp	CCTGATAA CCTGATAA 180 240 CCCTTCT	ACCITATI 190 250	Z60 TCTCCTG	ZTTGT	EARTTAG 210 70	280 CCCAC	ATTACTA D 2 290 CAAGTATCG	TCACCCT
_ hgdp	CCTGATANG 180 240 CCCTTCT AGCTTTC-C	ACCITATI 190 250 ACCCICIT	Z60 TCTCCTG	ZTTGT	ZAATTAG Z10 O ATTTCAAA	280 CCCAC	ATTTACTION 290 CAAGTATCG	TCACCCT
_ hgdp	CCTGATANG 180 240 CCCTTCT AGCTTTC-C	ACCITATI 190 250 ACCCICIT	Z60 TCTCCTG	GACATTE G-CATTE 260	ZAATTAG Z10 O ATTTCAAA	280 CCCAC	ATTTACTION 290 CAAGTATCG	TCACCCT
_ hgdp	CTOATANO 180 240 CSCTTCT ****** AGCTTTC-C 240	ACCITATI 190 250 TCCCTCTT 250	TAGOCAN 200 260 TOTOCTG	GACATTI G-CATTI 260	ZAATTAG Z10 O ATTTCAAL ACGTAAAL 270	280 CCCAC	290 CAAGTATCG CAAGTATCG 280	TCACCCT TTACACT
_ hgdp	240 CCTUATANO 180 240 CCCTTTCT AGCTTTC-C 240 300	ACCITATI 190 250 TCCCTCTT 250 310	TAGOCAN 200 260 TOTOCTG	GACATTI G-CATTI 260	CGTAAA 270	280 CCCAC	290 CAAGTATCG CAAGTATCG 280	TCACCCT TTACACT
_ hgdp	COTOATANO 180 240 COTOATANO 180 AGCITIC-O 240 300 AGTGGACTI	250 TCCCTGTT 250 TCTCT-TT 250 CTTATATA	ZOO 260 TCTCCTG TCCCTG	GACATTE GACATTE 260	CANTTAG 210 0 ATTTCAA CGTAAA 270	280 CCCAC	290 CAAGTATCG CAAGTATCG 280 35 -ATTATAAA	TCACCCT TTACACT
_ hgdp	CONTACTOR CONTAC	250 TCCCTCTT 250 310 ACTATATA	ZOO 260 TCTCCTG TCCCTG	GACATTE GACATTE 260	CGTAAA 270 CGTAAA 270	280 CCCAC	290 CAAGTATCG CAAGTATCG 280 35 -ATTATAAA	TCACCCT TTACACT
_ hgdp	CTGATANG 180 240 CSCTTTCT AGCTTTCTC 240 300 AGTGGACT	250 TCCCTGTT 250 TCTCT-TT 250 CTTATATA	TAGCCAR 200 260 TCTCCTG TCCCCTG	GACATTE G-CATTE 260 3: GCCCAAC	CGTAAA 270 CGTAAA 270	280 CCCAC 340 CAAGGA	ATTTACTIVE 290 CAAGTATCG 280 35 -ATTATAAA	TCACCCT TTACACT
_ hgdp	240 240 240 300 AGTGGACTI ACCGGACTI 90	250 TCCCTGTT 250 TCCCTGTT 250 TCTCT-TT 250 ACTTATATA	TAGCCAR 200 260 TCTCCTG TCCCCTG	GACATTE G-CATTE 260 3: GCCCAAC	CGTAAA 270 CGTAAA 270	280 CCCAC 340 CAAGGA	ATTTACTIVE 290 CAAGTATCG 280 35 -ATTATAAA	TCACCCT TTACACT
_ hgdp	240 240 240 300 AGTGGACTI ACCGGACTI ACCGGACTI 360	250 TCCCTCTT 250 TCCCTCTT 250 ACTATATA 300 370	ZOO ZEO TOTOCTO ZOO TOTOCTO ZOO GOTGAGA ZOO GOTGAGA ZOO GOTGAGA ZOO GOTGAGA ZOO GOTGAGA ZOO GOTGAGA	GACATTE GACATTE 260 31 GCCCAAC	ZANTTAG Z10 O ATTTCAN 270 O AGAMACCO	280 CCCAC 340 CAAGGA	ATTTACTIVE 290 CAAGTATCG 280 35 -ATTATAAA	TCACCCT TTACACT
_ hgdp	240 240 240 300 AGTGGACTI ACCGGACTI 90	250 TCCCTCTT 250 TCCCTCTT 250 310 ACTATATA 300 370 GCTGGAGA	ZOO ZEO TOTOCTO ZOO TOTOCTO ZOO GOTGAGA ZOO GOTGAGA ZOO GOTGAGA ZOO GOTGAGA ZOO GOTGAGA ZOO GOTGAGA	GACATTE GACATTE 260 31 GCCCAAC	ZANTTAG Z10 O ATTTCAN 270 O AGAMACCO	280 CCCAC 340 CAAGGA	ATTTACTIVE 290 CAAGTATCG 280 35 -ATTATAAA	TCACCCT TTACACT
_ hgdp	CTCTTAGG	250 TCCCTGTT 250 TCTCT-TT 250 TCTCT-TT 250 TCTCT-TT 300 TCTGGAGA	260 TOTOCTG 320 GGTGAGA 310 (SEQ I	GACATTE GACATTE 260 3: GCCCAAC 320 N NO: 2	ZAATTAG Z10 O ATTTCAAN 270 10 AGARACCC	280 CCCAC 340 CAAGGA	ATTTACTIVE 290 CAAGTATCG 280 35 -ATTATAAA	TCACCCT TTACACT
_ hgdp _ hgdp _ hgdp _ hgdp _ hgdp	240 240 240 300 AGTGGACTI ACCGGACTI ACCGGACTI 360	250 TCCCTGTT 250 TCTCT-TT 250 TCTCT-TT 250 TCTCT-TT 300 TCTGGAGA	260 TOTOCTG 320 GGTGAGA 310 (SEQ I	GACATTE GACATTE 260 3: GCCCAAC 320 N NO: 2	ZAATTAG Z10 O ATTTCAAN 270 10 AGARACCC	280 CCCAC 340 CAAGGA	ATTTACTIVE 290 CAAGTATCG 280 35 -ATTATAAA	TCACCCT TTACACT

Figure 1

Figure 6

